Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Water Management Act Program

Form WMA-D2

Projection of Withdrawal Volume - Years 1-20

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

1. Fill in the projected daily average water withdrawal in millions of gallons in Column 1. NOTE: 100,000 gallons = 0.10 MG

2. In Column 2, fill in the number of days you expect to operate. For **year-round withdrawals**, enter 365 days. For **seasonal withdrawals**, multiply the number of months that you will operate each year by 30 to get the days of operation (e.g., a golf course that irrigates during April, May, June, July, August, September, and October would enter 7 months of operation x 30 days = 210 days of operation).

3. Multiply the average daily water withdrawal (Column 1) by the days of operation (Column 2) to get the total annual water withdrawal. Enter the number in Column 3.

Year	Average Daily Withdrawal Volume	Days of Operation	Total Annual Water Withdrawal
Years 1-5			
Years 6-10			
Years 11-15			
Years 16-20			

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4. The requested withdrawal volume during Years 1-5, Years 6-10, Years 11-15 and Years 16-20 of the permit period is shown in Column 1.

    Average daily withdrawal volumes:

Years 1-5	Years 6-10	Years 11-15	Years 16-20

5. If part of this volume is <u>registered</u>, subtract the registered volume from the average daily withdrawal volumes for Years 1-5, Years 6-10, Years 11-15 and Years 16-20 to get the requested permit volumes.

Average daily withdrawal volume for Years 1-5	-	Registered volume	=	Requested permit volume for Years 1-5
Average daily withdrawal volume for Years 6-10	-	Registered volume	=	Requested permit volume for Years 6-10
Average daily withdrawal volume for Years 11-15	-	Registered volume	=	Requested permit volume for Years 11-15
Average daily withdrawal volume for Years 16-20	-	Registered volume	=	Requested permit volume for Years 16-20

6. Enter these requested permit volumes on Form A, Number 5, Years 1-5, Years 6-10, Years 11-15, and Years 16-20.

For withdrawals with seasonal variation

7. Withdrawals are often made at varying rates over the course of the season or year. For example, golf courses typically irrigate for six or seven months per year, with peak irrigation taking place during the summer months; an industry might eliminate one shift during the summer; or a public water supplier might have a large summer population to supply.

    If your withdrawal has large seasonal variations, please show the pattern of monthly withdrawals for a typical year in the space below. The numbers you use can be actual projections for one year during the permit period.

Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.

    Year

    If you expect the seasonal variation in your withdrawal to change during the permit period, or if you feel that there is any unique aspect to the pattern of your withdrawal, please provide that information in the space below.

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8. For each withdrawal point in your application provide the portion (percent) of the projected withdrawal that you expect to take from each withdrawal point, e.g., Well #1 = 25%, Well 2 = 25%, Well 3 = 50%.

Year	Point Name	Point Name	Point Name	Point Name	Point Name